# Mountain Weather Forecast

## Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 31 Jul 2021 until 23:59 on Sunday 01 Aug 2021

Forecast Issued on Saturday 31 Jul 2021 at 03:06

**Confidence:** High for the unsettled and showery theme. Lower for exact detail of shower distribution

**Headline for Saturday 31 Jul 2021:** Showers with some sunny spells. Showers becoming heavy by the afternoon.

**Mountain weather hazards on Saturday 31 Jul 2021**

| | | |
|---|---|---|
| **Blizzards**<br>No Likelihood | **Heavy Snow**<br>No Likelihood | **Storm force winds**<br>No Likelihood |
| **Gales**<br>No Likelihood | **Severe chill effect**<br>No Likelihood | **Poor visibility**<br>Medium Likelihood |
| **Thunderstorms**<br>Low Likelihood | **Heavy persistent rain**<br>No Likelihood | **Strong sunlight**<br>Medium Likelihood |

| **Weather and chance of precipitation at 600m** | | | | | |
|---|---|---|---|---|---|
| Time | | | | | |
| 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 |
| | | | | | |
| Cloudy | Cloudy | Cloudy | Light rain showers | Sunny intervals | Cloudy |
| Precipitation probability | | | | | |
| 10% | 20% | 30% | 40% | 40% | 20% |

**Forecast for Saturday 31 Jul 2021**

**Weather:** Starting dull and mostly cloudy, but some sunny spells developing during the morning. Showers also developing during the morning, becoming heavy with an outside chance of thunder for the afternoon. Showers only slowly dying out during the evening.

**Chance of cloud free mountain/hill tops above 600m:** 20% becoming 80% by late morning.

**Visibility:** Often very poor, especially during the morning, in low cloud covering hills with nearby landmarks obscured. Cloud obscuring hills above 500m, with some patches on hills at 300m at first. These gradually lifting and breaking during the morning. However cloud bases are likely to continue to fall to 600m in heavier showers. Away from cloud, visibility generally good with views of distant hills, but dropping temporarily to poor in heavier showers.

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# Mountain Weather Forecast

**Forecast for Saturday 31 Jul 2021**

| Height (m) | Wind Speed mean/gusts (mph) Wind Direction (blowing from) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 9/12 W | 9/12 W | 10/16 W | 13/20 W | 10/16 W | 6/11 W | 4/7 SE |
| **300** | 6/13 W | 6/11 W | 10/17 W | 11/21 W | 9/16 W | 6/11 SW | 2/6 S |
| **Valley** | 2/6 W | 6/11 W | 9/16 W | 11/21 W | 9/17 W | 5/11 SW | 3/7 SW |

| Height (m) | Temperature / Feels Like (°C) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 06:00 | 09:00 | 12:00 | 15:00 | 18:00 | 21:00 | 00:00 |
| **600** | 11/9 | 12/10 | 14/12 | 13/11 | 12/11 | 11/10 | 10/9 |
| **300** | 13/12 | 15/14 | 16/15 | 16/14 | 15/14 | 13/12 | 12/11 |
| **Valley** | 14/14 | 16/15 | 17/16 | 17/16 | 16/15 | 14/13 | 13/12 |
| **Freezing Level*** | 2600m | 2600m | 2600m | 2700m | 2600m | 2400m | 2200m |

**Level above which ground is expected to be frozen/snow is expected to settle.*

**Meteorologist's View**

A changeable day, with sunny spells interspersed with heavy showers and the risk of poor visibility. A day for layers, with the possibility of high UV levels inbetween the showers.

**Recent rainfall:** measured at Malham: altitude 375m

| Recorded at | Last 24 hours: | Last 48 hours: | Last 72 hours: |
|---|---|---|---|
| 02:00 on Sat 31 Jul 2021 | 5mm | 27.4mm | 39.2mm |

**Forecast for Sunday 01 Aug 2021**

**Weather:** Some rain and low cloud moving into the area overnight. This gradually breaking up during the morning to give sunshine and showers. Any showers generally lighter than Saturday.

**Maximum wind:** Northeasterly 10-15mph

**Chance of cloud free mountain/hill tops above 600m:** 30% becoming 100% by mid-morning

**Visibility:** Very poor at first in low cloud covering hills with nearby landmarks obscured. Cloud obscuring hills above 300m at first, before lifting during the morning to above the hilltops. Away from cloud, visibility generally good with views of distant hills, but dropping temporarily to moderate in showers.

**Temperature:** **Valleys:** Plus 7 Celsius becoming Plus 16 Celsius
**At 600m:** Plus 9 Celsius
**Freezing level:** Above the hilltops

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